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Substitute for form 1449A/B/PTO			Complete if Known	
			Application Number	10/734,261
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Filing Date	December 15, 2003
			First Named Inventor	Mitsugu Sato
			Art Unit	2881
			Examiner Name	Phillip A. Johnston
			Attorney Docket Number	H6808.0005/P005-A
Sheet	1	of	1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
PJ	AA	4,321,510		03/1982	Takegawa	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
PJ	AB	JP	64-033835	02/1989			X*
PJ	AC	JP	02-234336	09/1990			X*
PJ	AD	JP	2000-106116	04/2000			X*
PJ	AE	JP	2001-110345	04/2001			X*
PJ	AF	JP	2001-147113	05/2001			X*

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NON PATENT LITERATURE DOCUMENTS			
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*Abstract only.

Examiner Signature	/Phillip Johnston/ (07/10/2006)	Date Considered	
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